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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 6, 2005 (use as many sheets as necessary)				Application Number	10/520,392
				Filing Date	01/04/2005
				First Named Inventor	Kenneth Clark
				Group Art Unit	To be determined
				Examiner Name	To be determined
Sheet	1	of	1	Attorney Docket Number	026032-4853

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
K32	A1	2002/0089203	A1	Flowerday et al.	07-11-2002	
	A2	6,290,277	B1	Spykerman et al.	09-18-2001	
	A3	2001/0020631	A1	Spykerman et al.	09-13-2001	
	A4	6,247,741 ✓	B1	Seel et al.	06-19-2001	
	A5	6,135,527		Billy	10-24-2000	
	A6	6,116,674 ✓		Allison et al.	09-12-2000	
	A7	6,056,177		Schneider	05-02-2000	
	A8	5,599,054		Butz et al.	02-04-1997	
	A9	5,492,257 ✓		Demick	02-20-1996	
	A10	5,397,160		Landry	03-14-1995	
	A11	5,338,081		Young et al.	08-16-1994	
	A12	5,289,957 ✓		Huang	03-01-1994	
	A13	4,941,718		Alexander, III et al.	07-17-1990	
	A14	4,805,859		Hudson	02-21-1989	
	A15	1,412,192		Moore	04-11-1922	
	A16	1,179,445		Manning	04-18-1916	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
K32	A17	JP	09 328039		Kikuchi	12-22-1997		
	A18	DE	4340675		Vogelmann	06-01-1995		
	A19	JP	04 50047		Kawasaki	02-19-1992		
	A20	DE	3831317		Roth et al.	03-29-1990		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
K32	A21	International Search Report; International Application No. PCT/US/03/28922; mailed May 5, 2004; 3 pgs.	

001.1801056.1

Examiner Signature	K32	Date Considered	4.3.06
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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